0310 2360 2820 #4 0805 C422

CRF Errors Corrected by the STIC Systems Branch

CRF Processing Date: 8/27/2001

Edited by: [illegible]

Verified by: [illegible] (STIC staff)

Serial Number: 10/005,858

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TECH CENTER 1600/2900

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: 1625
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings Headings edited included _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically _____
- ☑ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files. ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other: _____

Examiner: The above corrections must be communicated to the applicant in the first Office Action! DO NOT send a copy of this form.

v1/95

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/005,858

DATE: 12/20/2001
TIME: 21:05:33

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\12202001\J005858.raw

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4 <110> APPLICANT: Allen, Keith D.
6 <120> TITLE OF INVENTION: TRANSGENIC MICE CONTAINING NTTP1
7 PHOSPHATASE GENE DISRUPTIONS
10 <130> FILE REFERENCE: R-690
C--> 12 **<140> CURRENT APPLICATION NUMBER: US/10/005,858**
C--> 12 **<141> CURRENT FILING DATE: 2001-12-04**
12 <150> PRIOR APPLICATION NUMBER: US 60/251,802
13 <151> PRIOR FILING DATE: 2000-12-06
15 <160> NUMBER OF SEQ ID NOS: 3
17 <170> SOFTWARE: FastSEQ for Windows Version 4.0
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 2453
21 <212> TYPE: DNA
22 <213> ORGANISM: Mus musculus
24 <400> SEQUENCE: 1
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26 ttcaggggtc actctcccca ttgcccacca ccccaccatg gctggggatc ggctcccgag 120
27 gaaggtgatg gacgcaaaga aactggccag cctgctgcgt ggcgggcctg ggggaccctt 180
28 ggtcatcgac agccggtcct tcgtggagta taacagctgc cacgtgctga gctctgtgaa 240
29 tatctgctgt tcaaagctgg tgaagcggcg ccttcagcag ggaaaagtga caattgctga 300
30 gcttatccag cctgctacac ggagccaggt ggatgccaca gaaccacagg atgtagtggt 360
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34 cctctctcag ccctgcctgc ctgtgcccag tgttggcctg acccgaatcc tgcctcacct 600
35 ctacctgggc tctcagaaag atgtcttgaa caaggatctg atgacccaaa acggaataag 660
36 ctatgtcctc aatgccagca actcctgccc taaaccggac ttcatctgtg agagccgttt 720
37 catgcgtatc cccatcaatg acaactactg tgaaaagctg ctgccctggc tggacaagtc 780
38 catcgagttt attgataaag ccaagctgtc cagctgccaa gtcattgttc actgtctggc 840
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40 ttctgacgac gcatacaggt ttgtgaagga tcggcgcccc tccatctcgc ccaacttcaa 960
41 cttcctgggc cagttgctgg agtatgagag gagtctgaag ctgctggctg ccctgcagac 1020
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43 gccccggctg ccaccatcta cctcagagag cgctgccact gggagcgagg cagccaccgc 1140
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45 caccagcgcg ctgcagcagg gcctgcgtgg cctgcacctc tcctctgacc gcctccagga 1260
46 caccaaccgc ctcaagcgtt ccttttccct ggacatcaag tcggcctatg cacccagcag 1320
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50 ccccgcgcat ggtctgggcc tgaactttgg agacacggcc cggcagactc cacggcacgg 1560
51 cctctcggcc ctgtcggcgc ccgggctgcc tggccctggc cagccggctg gccccggggg 1620
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55 cggcggcggc ggcggcggcg gcggcagcag cagcagcaac agcagcagca gcagcagcag 1860
56 cagcagcagc agcagcagca gtagtagtag tagtagtgac ctgcggaggc gggatgtgcg 1920

RAW SEQUENCE LISTING DATE: 12/20/2001
PATENT APPLICATION: US/10/005,858 TIME: 21:05:33

Input Set : A:\PTO.AMC.txt
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ggagttcgaa gagggcatgg tggaggggcg ggcacgtggc gaggagctgg cagccctggg 2040
caagcaaacc agcttctctg gcagcgtgga ggtcatcgaa gtatcgtgac ccttcagaag 2100
tccctgtgcc cttgctccag ccaggccagg tataaatata tattatatat aaaacacaca 2160
gaaaaggtaa atggttttac tgcaattttt atcaagaagt aaatatttcg attttttatt 2220
tatttaagct agtgatctgg caactgtgcg gggcggccct aaagctctgt ttttactgtc 2280
tggtatttaa actgaaacag gtttctaagc aatatgaggc caccttcaat cccaaactgg 2340
gttgacaggc ctgggccccc ccttgccccc cccctctgga aacattactg acctttcaaa 2400
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<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: Targeting Vector
<400> SEQUENCE: 2
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aggtgatgga cgcaaagaaa 200

<210> SEQ ID NO: 3
<211> LENGTH: 200
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: Targeting Vector
<400> SEQUENCE: 3
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cctggtgcca agagtcctct gataaggcat ttccccctcg ctgtccctcc gttccaaaca 180
gggttccttg gggtcagagc 200

VERIFICATION SUMMARY DATE: 12/20/2001
PATENT APPLICATION: US/10/005,858 TIME: 21:05:34

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\12202001\J005858.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date